STEEL
MMK METALURJİ
MMK METALURJI SAN.TIC.VE LIMAN ISLETMECILIGI A.S
Address:Ozerli Mah.Alparslan Turkes Blv No:346 Dortyol/Hatay/Turkey
T:+903267701000 F:+9032167181618 Web:www.mmkturkey.com.tr

INSPECTION CERTIFICATE
EN 10204 Type 3.1-ASTM A 924-/A924M

Certificate Id	Date	Complies
	02.08.2022	EN 10168

Prepared by Quality Control Management

Any Supplementary Requirements

Supplementary Information

Document Id: KYS.FR.17.035
Publish Date: 21.03.2012
Revising Date: 13.06.2017
Revising 02

Customer Name/Address
ATENIC COMMERCE D.O.O.
32000 CACAK
SERBIA

Customer No: 0002227241
Order No: 0015098120- 90
Spec No: 068501001
Order Date:

Product Type	Steel Grade	Internal Diameter mm	Package Code	Oil Type	Oil Amount g/m2	Edge Cutting	Thickness mm	Thickness inch	Width mm	Width inch
HR	S235JR	762	RC	NO	0,00	NO	5,00		1000	

Heat Id	Parent Coil Id	Coil Id	Weight kg	Weight lb	Actual Length m	Actual Length inch	C %	Si %	Mn %	P %	S %	Al %	Ti %	Cu %	Mo %	Ni %	Cr %	V %	Nb %	N %	B %	N(ppm)	Ceq	Sample Location	Sample Direction	Yield Strength (Mpa)	Tensile Strength (Mpa)	Elongation %	Re/Rm	r 90	n 90
							Chemical Composition *																	Mechanical and Technical Test / Tensile Test							
1303835		303835104	16950	0,00	433	0,0000	0,0328	0,0176	0,3720	0,0066	0,0024	0,0181	0,0014	0,2209	0,0126	0,0676	0,0526	0,0002	0,0001	0,0055	0.0001	0	0.1300	2	1	319	390	33,5			
1303835		303835203	16950	0,00	433	0,0000	0,0328	0,0176	0,3720	0,0066	0,0024	0,0181	0,0014	0,2209	0,0126	0,0676	0,0526	0,0002	0,0001	0,0055	0.0001	0	0.1300	2	1	319	390	33,5			
1303835		303835204	16990	0,00	434	0,0000	0,0328	0,0176	0,3720	0,0066	0,0024	0,0181	0,0014	0,2209	0,0126	0,0676	0,0526	0,0002	0,0001	0,0055	0.0001	0	0.1300	2	1	319	390	33,5			

Sample Location	Test Direction
1-Head	1-Transverse
2-Tail	2-Longitudinal
3-Head&Tail	3-45 Degree
4-Centre	
5-Head&Tail&Centre	

Checking of Marking, Surface,Shape and Dimension - OK

MMK METALURJI has been certified by IATF 16949:2016, ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, ISO/IEC 27001:2013 and ISO 50001:2018

REACH,RoSH declaration for Continuously Hot Dip Galvanized Coated and Organic Coated products.

It is hereby certified that the quality of goods mentioned in this document is in European standards and Certifications, and the goods may be exported.

The tests specified with "*" are within the scope of TS EN ISO/IEC 17025:2017 accreditation.

NOTE for Continuously Organic Coated products:*:Geo:d/8, Light:D65/10, SPIN,CIELab

TÜRKAK Test TS EN ISO/IEC 17025 AB-0973-T

CE 2737

Product Standard	EN10025
Tolerances Dimension and Shape	EN10051
Special Instruction	

BETÜL SOYLU Specification and Certification Supervisor	İLHAN BELEN Quality Control & Technical Manager	Stamp of Inspection Representative
Date of Issue and Validation		
02.08.2022	02.08.2022	

HBIS GROUP Serbia Iron & Steel llc Belgrade, Bulevar Mihajla Pupina 6,
Belgrade-New Belgrade,
11000 Belgrade, Republic of Serbia

CE
13
0045-CPR-0761

INSPECTION CERTIFICATE: 3.1 EN 10204:2004 PAGE No: 1
-uverenje o ispitivanju- (strana br):

PURCHASER: ATENIC COMMERCE D.O.O.
(kupac) CACAK CERTIFICATE No 33858
BULEVAR OSLOBODILACA CACKA 91 (uverenje broj)
TRADING CO: ATENIC COMMERCE D.O.O.
(izvoznik) CACAK PURCHASE ORDER
(primalac) BULEVAR OSLOBODILACA CACKA 91 ITEM:
PRODUCT: HOT ROLLED COILS
(proizvod) CONTRACT No. ATEN1032RS
DIMENSIONS: 8,000 X 1000 X (ugovor broj)
(dimenzije, mm) EN 10051/2010
QUALITY: S235JR+AR T: HR+CE
(kvalitet) EN 10025-2/2019 DATE OF ISSUE 15/04/2022
Net weight(kg): 17300 (dat.izdavanja)
DELIVERY CONDITIONS : AR
(STANJE ISPORUKE) Transport: CA093DF

COIL No, PACK No, (kotur br.Šarža paket br)	Heat No	MECHANICAL PROPERTIES - MEH.TEH.OSOBINE										
		Re MPa	Rm MPa	Re/ Rm	A %	Impact test Elo ng. (žilavost) Sr.Vr.	KV2 1 J	KV2 2 J	KV2 3 J	Bend test S 180°	Hardness (tvrdoca) HRB HV10	Melt furn nacin Proiz
2C70023	884717	313	436	,72	37							Y
2C70024	884717	313	436	,72	37							Y

CHEMICAL COMPOSITION OF HEAT - HEMIJSKI SASTAV SARZE (%)

	884717
C	0,12
Mn	0,76
Si	0,012
P	0,012
S	0,008
Al	0,048
Cu	0,03
Cr	0,02
Ni	0,02
Mo	0,004
Ti	0,002
V	0,002
Nb	0,001
N	0,006
B	<0,0001
CEV	0,26

Measured values of alpha and beta/gamma surface contamination of the examined goods are for alpha emitters lower than 4 Bq/100cm2, as well as for beta/gamma emitters lower than 40 Bq/100cm2
We hereby declare that above mentioned products were manufactured in accordance with specifications and contract requirements.

QUALITY ASSURANCE
Document is valid without signature and stamp. OBEZBEDJENJE KVALITETA

HBIS GROUP Serbia
Iron & Steel d.o.o. Beograd
Odeljenje za ateste
AO-04

HBIS GROUP Serbia Iron & Steel llc Belgrade, Bulevar Mihajla Pupina 6,
Belgrade-New Belgrade,
11000 Belgrade, Republic of Serbia

CE
13
0045-CPR-0761

INSPECTION CERTIFICATE: 3.1 EN 10204:2004 PAGE
-uverenje o ispitivanju- (strana br):

PURCHASER: ATENIC COMMERCE D.O.O.
(kupac) CACAK
BULEVAR OSLOBODILACA CACKA 91
TRADING CO: ATENIC COMMERCE D.O.O.
(izvoznik) CACAK
(primalac) BULEVAR OSLOBODILACA CACKA 91
PRODUCT: HOT ROLLED COILS
(proizvod)
DIMENSIONS: 10,000 X 1000 X
(dimenzije, mm) EN 10051/2010
QUALITY: S235JR+AR
(kvalitet) EN 10025-2/2019
Net weight(kg): 17520
DELIVERY CONDITIONS : AR
(STANJE ISPORUKE)

CERTIFICATE No 54348
(uverenje broj)
PURCHASE ORDER
ITEM:
CONTRACT No. ATEN1052RS
(ugovor broj)
T: HR+CE
DATE OF ISSUE 18/06/2022
(dat.izdavanja)
Transport: CA093DF

COIL No, PACK No, (kotur br. paket br)	Heat No Šarža	MECHANICAL PROPERTIES - MEH.TEH.OSOBINE									
		Re MPa	Rm MPa	Re/ Rm	A %	Impact test KV2 (žilavost) Elong.	Sr.Vr. 1 J T°C	2 J	3 J	Bend test S	Hardness (tvrdoca) HRB HV10	Melt furn nacin Proiz
2D76127	167600	308	454	,68	35						Y

CHEMICAL COMPOSITION OF HEAT - HEMIJSKI SASTAV SARZE (%)

	167600
C	0,14
Mn	0,87
Si	0,010
P	0,018
S	0,011
Al	0,045
Cu	0,04
Cr	0,03
Ni	0,01
Mo	0,004
Ti	0,002
V	0,003
Nb	0,002
N	0,004
B	<0,0001
CEV	0,29

Measured values of alpha and beta/gamma surface contamination of the examined goods are for alpha emitters lower than 4 Bq/100cm2, as well as for beta/gamma emitters lower than 40 Bq/100cm2
We hereby declare that above mentioned products were manufactured in accordance with specifications and contract requirements.

QUALITY ASSURANCE
Document is valid without signature and stamp. OBEZBEDJENJE KVALITETA

HBIS GROUP Serbia
Iron & Steel d.o.o. Beograd
Odeljenje za ateste
AO-04

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HRAM D.O.O.
M.PUPINA 1/II
RS-31000 UŽICE
SRBIJA

Kupac : 20501000
Otpremnica br. : 602317
Količina neto : 666 kg
Sevojno : 06.04.2022
PROIZVEDENO U REPUBLICI SRBIJI

CERTIFIKAT O PREGLEDU EN 10204/3.1
Br.: 602317

Ident	Opis proizvoda	
	Narudžba kupca br.: 28/2022	Ugovor br.: 39547/6
726150	LIM EN AW 1050A H24	Količina neto: 666 kg
	Mill finish 3,0 x 1000 x 2000 mm EN	Količina: 41 komada

Potvrđujemo, da navedeni proizvodi odgovaraju sledećim standardima
EN 573-3 EN 485-2 EN 485-4
što potvrđujemo sa sledećom analizom:

MEHANIČKE I TEHNOLOŠKE OSOBINE

Br. šarže	Br. trake	Zat. čvrstoća Rm MPa	Kon.napon.teče. Rp(0,2) MPa	Izduženje A50 %	Tvrdoća Brinel HB	Eriksen IE mm	Ušičavost U %	Savijanje	Pozicija
321312	32271	111	106	8,9	-	-	-	-	1

HEMIJSKI SASTAV

Br. šarže	Si %	Fe %	Cu %	Mn %	Mg %	Cr %	Zn %	Ti %	Pb %	Be %	Li %	Cd %	Hg %	As %	Pb+Cd+Hg+Cr6+ %	Al %
321312	0,0411	0,2053	0,0008	0,0040	0,0012	0,0016	0,0008	0,0058	0,0012	0,0000	0,0000	0,0042	0,0002	0,0004	0,0056	99,6959

Potvrđujemo da su naši proizvodi izrađeni u skladu sa zahtevima:
- Directive 1994/62/EC
-Regulation EC No 1935/2004
- Directive 2011/65/EU (RoHS)
- Directive 2000/53/EC (ELV)
- Norm EN 602.

Br.:602317

Skupina Impol
Impol Seval a.d.
Direktor Sektora kvaliteta
Dragan M. Jovanović

Skupina
Impol Seval a.d.
Generalni direktor
Ninko Tešić

Organizacija ima sertifikovan sistem upravljanja kvalitetom u skladu sa zahtevima standarda ISO 9001.
Izjavljujemo da su isporučeni proizvodi u skladu sa zahtevima iz narudžbe.